

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	10	(((((two adj2 more) or (plurality)) near3 ((fluidized adj bed) or (stripper) or (a?sorber))) with (powder or dust or (fly adj2 ash) or (flue adj gas))) same coal	US-PGPUB; USPAT; USOCR; FPRS; DERWENT	OR	ON	2008/12/11 07:24
L2	1	(((((two adj2 more) or (plurality)) near3 ((fluidized adj bed) or (stripper) or (a?sorber))) with (powder or dust or (fly adj2 ash) or (flue adj gas))) same gasification	US-PGPUB; USPAT; USOCR; FPRS; DERWENT	OR	ON	2008/12/11 07:26
L3	77	(((((two adj2 more) or (plurality)) near3 ((fluidized adj bed) or (stripper) or (a?sorber))) with (gasification or coal or fuel)) and gas	US-PGPUB; USPAT; USOCR; FPRS; DERWENT	OR	ON	2008/12/11 07:27
L4	74	L3 not (L1 or L2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/11 07:27
L5	5	(((((fly adj2 ash) adj (powder or dust)) or (fly adj ash)) and (syngas or (synthesis adj gas)) and (gasification adj reactor) and separat\$3 and ((toxic or harmful or poisonous or dangerous or carcinogenic) adj2 gas))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/11 07:47
L6	1	(((((fly adj2 ash) adj (powder or dust)) or (fly adj ash)) and (syngas or (synthesis adj gas)) and (gasification adj reactor) and separat\$3 and ((toxic or harmful or poisonous or dangerous or carcinogenic) adj2 gas)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/11 07:48

L7	5075	((two adj2 more) or (plurality)) near3 ((fluidized adj bed) or (stripper) or (a?sorber)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/11 07:49
L8	1	L7 and L5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/11 07:49
L9	7	((((fly adj2 ash) adj (powder or dust)) or (fly adj ash)) and (gasification adj reactor) and separat\$3 and ((toxic or harmful or poisonous or dangerous or carcinogenic) adj2 gas))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/11 07:50
L10	279	((((fly adj2 ash) adj (powder or dust)) or (fly adj ash)) and separat\$3 and ((toxic or harmful or poisonous or dangerous or carcinogenic) adj2 gas))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/11 07:51
L11	4	L10 and L7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/11 07:52
L12	7	((((fly adj2 ash) adj (powder or dust)) or (fly adj ash)) and ((toxic or harmful or poisonous or dangerous or carcinogenic) adj2 gas)). clm.	US-PGPUB; USPAT	OR	ON	2008/12/11 07:53
L13	22883	((fluidized adj bed) or (stripper) or separator or (a?sorber)) with (gasification or coal or fuel) and gas	US-PGPUB; USPAT; USOCR; FPRS; DERWENT	OR	ON	2008/12/11 08:27
L14	249	((toxic or harmful or poisonous or dangerous or carcinogenic) adj2 gas) and L13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/11 08:28
L15	228	separat\$3 and L14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/11 08:29
L16	152	separator and L14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/11 08:29

L17	11	L14 and "55"\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/11 08:29
L18	4	L14 and "95"\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/11 08:29
L19	5	L14 and "96"\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/11 08:29
L20	25	L14 and "422"\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/11 08:29
L21	27	L14 and "48"\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/11 08:29
L22	149	(US-20070084117-\$ or US-20020157312-\$ or US-20030031604-\$ or US-20040208813-\$ or US-20050089460-\$ or US-20050207961-\$ or US-20080142356-\$ or US-20010018504-\$ or US-20020155038-\$).did. or (US-4516989-\$ or US- 4880608-\$ or US- 3904735-\$ or US- 4853003-\$ or US- 4854942-\$ or US- 5273567-\$ or US- 5286292-\$ or US- 5364426-\$ or US- 5573564-\$ or US- 5840203-\$ or US- 5463137-\$ or US- 5635077-\$ or US- 5972174-\$ or US- 6090245-\$ or US- 6120654-\$ or US- 4396396-\$ or US- 5645730-\$ or US- 5651895-\$ or US- 5908240-\$ or US- 6203709-\$ or US- 6054074-\$ or US- 4778485-\$ or US- 5271243-\$ or US- 4911901-\$ or US- 5234468-\$ or US-	US-PGPUB; USPAT	OR	ON	2008/12/11 08:39

5284637-\$).did. or (US-  
5453254-\$ or US-  
5909654-\$ or US-  
3615199-\$ or US-  
3857920-\$ or US-  
4243635-\$ or US-  
4295865-\$ or US-  
4398928-\$ or US-  
4422989-\$ or US-  
4482358-\$ or US-  
4511371-\$ or US-  
4530822-\$ or US-  
4535727-\$ or US-  
4760856-\$ or US-  
4762686-\$ or US-  
4788047-\$ or US-  
4809886-\$ or US-  
4837361-\$ or US-  
4853195-\$ or US-  
4861558-\$ or US-  
4865627-\$ or US-  
4876987-\$ or US-  
4936376-\$ or US-  
4986966-\$ or US-  
5211704-\$ or US-  
5233943-\$ or US-  
5238659-\$ or US-  
5238666-\$).did. or (US-  
5266287-\$ or US-  
5322389-\$ or US-  
5344629-\$ or US-  
5460041-\$ or US-  
5474585-\$ or US-  
5640708-\$ or US-  
5749308-\$ or US-  
5755838-\$ or US-  
5868084-\$ or US-  
5882422-\$ or US-  
6045770-\$ or US-  
6202573-\$ or US-  
6416691-\$ or US-  
6439394-\$ or US-  
6453830-\$ or US-  
6761868-\$ or US-  
6994497-\$ or US-  
7008603-\$ or US-  
7156902-\$ or US-  
7214254-\$ or US-  
4309322-\$ or US-  
4423211-\$ or US-  
5039455-\$ or US-  
5629212-\$ or US-  
5902912-\$ or US-  
6237409-\$ or US-  
6448372-\$).did. or (US-  
6550274-\$ or US-

4561472-\$ or US-  
4381924-\$ or US-  
4425139-\$ or US-  
4852345-\$ or US-  
6202576-\$ or US-  
4568364-\$ or US-  
4526676-\$ or US-  
4552725-\$ or US-  
4351248-\$ or US-  
4537156-\$ or US-  
5262139-\$ or US-  
5266186-\$ or US-  
5390612-\$ or US-  
5522160-\$ or US-  
5925577-\$ or US-  
6270555-\$ or US-  
6752975-\$ or US-  
4041131-\$ or US-  
6259090-\$ or US-  
5529591-\$ or US-  
5565098-\$ or US-  
6114579-\$ or US-  
4289729-\$ or US-  
4320103-\$ or US-  
4398603-\$ or US-  
4532026-\$).did. or (US-  
4822480-\$ or US-  
4915784-\$ or US-  
4927606-\$ or US-  
5015363-\$ or US-  
5316657-\$ or US-  
5365006-\$ or US-  
5435973-\$ or US-  
5720872-\$ or US-  
6111138-\$ or US-  
6224833-\$ or US-  
4010009-\$ or US-  
4033857-\$ or US-  
4039597-\$ or US-  
4054509-\$ or US-  
4244805-\$ or US-  
4272358-\$ or US-  
4274942-\$ or US-  
4274911-\$ or US-  
4295961-\$ or US-  
4299667-\$ or US-  
4308076-\$ or US-  
4310489-\$ or US-  
4364905-\$ or US-  
4455220-\$ or US-  
4476160-\$ or US-  
4478287-\$ or US-  
4496380-\$).did. or (US-  
4502947-\$ or US-  
4549993-\$ or US-  
4559212-\$ or US-

		4572780-\$ or US-4589889-\$ or US-4605491-\$).did.				
L23	2	L14 and L22	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/11 08:39
L24	6	L7 and L22	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/11 08:40
L25	4	L10 and L22	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/11 08:40
S1	5	((ISAAC) near2 ("VAN DEN BORN")).INV.	EPO; JPO; DERWENT	OR	ON	2008/12/10 10:44
S2	7	((ISAAC) near2 ("VAN DEN BORN")).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/10 10:44
S3	6	((JOHANNES) near2 (SCHILDER)).INV.	EPO; JPO; DERWENT	OR	ON	2008/12/10 10:44
S4	2	((JACOBUS) near2 (SCHEERMAN)).INV.	EPO; JPO; DERWENT	OR	ON	2008/12/10 10:51
S5	7	((JACOBUS) near2 (SCHEERMAN)).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/10 10:51
S6	3567	((flue adj gas) or (fly adj ash)) same desulfur\$7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/10 10:54
S7	67	96/267.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/12/10 10:55
S8	4	S6 and S7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/12/10 10:55
S9	24	("2379411"   "2765867"   "3264800"   "3276592"   "3583910"   "3764005"   "3776385"   "3877904"   "3988133"   "4147630"   "4212653"   "4244708"   "4279627").PN. OR ("4516989").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/10 11:43

S10	52	((Thomas) near2 (Dewitz)).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/10 11:45
S11	6464	(Shell adj Oil adj Company).as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/10 11:46
S12	500	S11 and (gasification or desulfur\$7)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/10 11:46
S13	33	S12 and stripper	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/10 11:47
S14	17	("3276757"   "3963426"   "4455154"   "4482363"   "4516989"   "4701185"   "4728250"   "4838898"   "4936870").PN. OR ("5017196").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/10 11:47
S15	2295	"48/197R".CCLS.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/10 12:18
S16	19	S15 and S6	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/10 12:21
S17	13	("4056483"   "4057402"   "4146369"   "4211540"   "4235625"   "4347064").PN. OR ("4426810").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/10 12:22
S18	610	"422/147".CCLS.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/10 12:25
S19	3077	"422/189".CCLS.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/10 12:25
S20	333	"422/213".CCLS.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/10 12:25
S21	246	((gasification near (process or reactor or generat\$3)) and (separat \$3) and (hopper or sluice) and (stripper or (fluidized adj bed) or adsorb) and ((fly adj ash) or (flue adj gas) or (syngas) or (synthesis adj gas)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/10 12:55
S22	158	S21 and "48"\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/10 12:56

S23	28	S21 and "422"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/10 12:56
S24	11	S21 and "55"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/10 12:57
S25	2	S21 and "96"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/10 12:57
S26	13	S21 and "95"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/10 12:57
S27	16	("2634198"   "2992065"   "4058205"   "4210491"   "4247367"   "4261167"   "4609541"   "4729217"). PN. OR ("4927430"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/10 13:08
S28	163	48/89.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/12/10 14:00
S29	310	48/128.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/12/10 14:00
S30	1467	422/144.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/12/10 14:01
S31	110	95/274.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/12/10 14:01
S32	119	95/275.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/12/10 14:01
S33	343	55/474.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/12/10 14:01
S34	393	96/150.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/12/10 14:01



S35	2447	48/197R.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/12/10 14:02
S36	610	"422/147".ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/10 14:02
S37	333	"422/213".ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/10 14:03
S38	3077	"422/189".ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/10 14:03
S39	263059	coal or (flue adj gas) or (fly adj ash)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/10 14:04
S40	304	S39 and S38	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/10 14:04
S41	70	S39 and S37	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/10 14:04
S42	276	S39 and S36	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/10 14:04
S43	1195	S39 and S35	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/10 14:04
S44	83	S39 and S34	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/10 14:04
S45	75	S39 and S33	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/10 14:05
S46	41	S39 and S32	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/10 14:05
S47	22	S39 and S31	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/10 14:05
S48	600	S39 and S30	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/10 14:05

S49	68	S39 and S29	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/10 14:05
S50	55	S39 and S28	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/10 14:05
S51	79402	(powder or particulate or particle or dust or powder \$3 or solid) with (coal or gasification or carbonaceous or carbonous)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/10 14:12
S52	90	S51 and S40	US-PGPUB; USPAT; USOCR; FPRS; DERWENT	OR	ON	2008/12/10 14:13
S53	120	S51 and S42	US-PGPUB; USPAT; USOCR; FPRS; DERWENT	OR	ON	2008/12/10 14:13
S54	855	S51 and S43	US-PGPUB; USPAT; USOCR; FPRS; DERWENT	OR	ON	2008/12/10 14:13
S55	218	S51 and S48	US-PGPUB; USPAT; USOCR; FPRS; DERWENT	OR	ON	2008/12/10 14:13
S56	279	S12 and S51	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/10 14:30
S57	162	((flue adj gas) or (fly adj ash)) and S56	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/10 14:31
S58	17	("2420217"   "3963457"   "4157244"   "4279622"   "4455154"   "4478608"   "4482363"   "4701185"). PN. OR ("4838898"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/10 14:42
S59	17	("2420217"   "3963457"   "4157244"   "4279622"   "4455154"   "4478608"   "4482363"   "4701185"). PN. OR ("4838898"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/10 14:48

S60	84	S15 and S21	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/10 14:49
S61	31	("4356151"   "4419330"   "4452155"   "4597771"   "4602573"   "4676177"   "4753177"   "4823740"   "4828740"   "4848249"   "4938170"   "4971599"   "5138957"   "5138982"   "5156099"   "5313913"   "5445087"   "5505907"). PN. OR ("5922090"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/10 14:59
S62	3	((("4838898") or ("4516989") or ("5017196")).PN.	USPAT; USOCR	OR	OFF	2008/12/10 15:05
S63	25	((gas near4 removal) with (fly adj ash)) and gasification	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/10 22:17
S64	3	((("4516989") or ("4838898") or ("5017196")).PN.	USPAT; USOCR	OR	OFF	2008/12/10 22:31
S65	7	("5017196").URPN.	USPAT	OR	ON	2008/12/10 22:32
S66	8	("4838898").URPN.	USPAT	OR	ON	2008/12/10 22:33
S67	0	((gas near4 removal) with (fly adj ash)) and (fludiz\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/10 22:35

12/11/2008 8:41:39 AM

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